

Michigan Department of Environmental Quality Environmental Science and Services Division Environmental Assistance Program 800-662-9278

Jennifer M. Granholm, Governor Steven E. Chester, Director www.michigan.gov/deg

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Michigan Department of Environmental Quality





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INTRODUCTION



INTRODUCTION

Thank you for your interest in our *Michigan Clean Air Consultant Directory*, Sixth Edition (Directory). The Environmental Science and Services Division (ESSD) of the Michigan Department of Environmental Quality (MDEQ) developed this Directory to provide a basic list of statewide air quality consultants, industrial hygienists, and analytical laboratories that perform varying levels of outdoor air pollution or indoor air quality control work and have one or more offices physically located in Michigan. This Directory is by no means an inclusive listing of all of the state's air quality consultants, industrial hygienists, and analytical laboratories. Rather, the entities listed in this Directory have consented to be a part of this publication. Each entry contains the consultant's own description, representing the expertise of their qualifications, specialties, staffing, and other experience.

Please note: the state of Michigan, MDEQ, does not recommend or endorse the services or products of any particular company listed herein. The quality of service provided by each company is not known or implied by this listing. The MDEQ, by providing this Directory, does so as a courtesy to business, industry, and the general public; and it does not represent that the companies are, or are not, in compliance with or knowledgeable about all applicable federal, state, and local environmental laws. We encourage you to use the Directory's contents as a starting point in finding a solution to your environmental or health-related problem.

The *Directory* is available on the Web. For the most current version of the *Directory*, please visit the MDEQ's Web site at:

www.michigan.gov/degair

At the MDEQ Web site select "Clean Air Assistance" from the drop down menu under the "Air" category. On the "Clean Air Assistance" page, select "Environmental Consultant Assistance" from the center menu under "Information."

The *Directory* is divided into six helpful sections:

<u>Section I</u>: Understanding the Differences Between Outdoor and Indoor Air Pollution

Section I explains the differences between outdoor and indoor air pollution, explains which federal and state agencies regulate each type of air pollution, and lists applicable air quality consultants along with the services they provide.

Section II: The Air Quality Service Locator

Section II provides a reference table that allows readers to quickly locate statewide air quality consultants, industrial hygienists, and analytical laboratories according to the specific type(s) of air pollution control or air quality services and activities they perform.

Section III: Air Quality Consultants
Section IV: Industrial Hygienists
Section V: Analytical Laboratories

Sections III through V contain lists of air quality consultants. Each entry includes the company's name, location, and contact information, along with a short introduction to or description of the company. The entry also includes a simple chart entitled, "Types of Air Quality Services Available" that shows which types of indoor or outdoor air quality services are available from the respective company based on the activity descriptions found in Section I. If applicable, each company entry also contains a list of branch office affiliations in the state for an alternate means of contact.

<u>Section VI</u>: County Listing of Air Quality Consultants, Industrial Hygienists, and Analytical Laboratories

For those looking for an air quality professional within their geographic proximity, Section VI lists the *Directory's* air quality professionals sorted alphabetically by Michigan county location.

OTHER HELPFUL RESOURCES

Selecting a consultant to solve an outdoor or indoor air quality problem can be a very difficult and time consuming process. In an effort to help businesses and individuals select the most appropriate environmental professional to accomplish certain tasks, the ESSD of the MDEQ has developed an additional resource entitled, *Working with An Environmental Consultant*. This guidance publication is a separate yet complementary fact sheet that can be used in conjunction with this *Directory*.

Some of the highlights of this publication include:

- Help in determining when an environmental professional is needed.
- A description of the types of environmental consultants that are available and the types of work each may perform.
- Tips for the selection of, contract negotiation with, and management of these environmental professionals.
- A list of organizations that provide support services for the clients of contractual consultants.
- General guidance checklists and sample questionnaires that can be used to evaluate and compare the services of various types of multimedia environmental professionals.

Other helpful online resources for solving indoor air quality problems are offered by the American Industrial Hygiene Association (AIHA) and the U.S. Environmental Protection Agency (USEPA).

AIHA provides a list of consumer brochures that talk about some common indoor air quality problems, how to detect them, and what solutions are available to resolve them. The AIHA consumers' brochures are located at:

www.aiha.org/Content/AccessInfo/consumer/consumerbros.htm

or by contacting AIHA directly at:

2700 Prosperity Ave., Suite 250 Fairfax, VA 22031 Telephone: (703) 849-8888

Studies of air pollution conducted by the USEPA estimate that indoor levels of pollutants may be 2-5 times, and in some cases more than 100 times, higher than outdoor levels. These levels of indoor air pollutants may be of particular concern because most people spend about 90 percent of their time indoors. To provide a better awareness of these pollutants, the USEPA's Web site offers a number of guidance publications, a list of frequently asked

questions, hotline numbers, and background information on air quality related topics such as asthma, mold/moisture, and radon. The USEPA's Indoor Air Quality Web site is located at:

www.epa.gov/iaq/index.html

Guidance publications can also be obtained by contacting USEPA directly at:

U.S. Environmental Protection Agency
National Service Center for Environmental Publications (NSCEP)
P.O. Box 42419
Cincinnati, OH 45242-0419
Telephone: (800) 490-9198

SECTION III



AIR QUALITY CONSULTANTS

Advanced Engineering Solutions

5860 Canton Center Rd. Suite 310 P.O. Box 87065

Canton, Michigan 48187

Telephone: (734) 459-9948

FAX: (734) 459-7590

www.aes-inc.com

Advanced Engineering Solutions, Inc. provides a structured review of existing air compliance issues and present state-of-the art solutions. Our staff include professionals with technical understanding and practical experience with a wide array of industrial processes and emission sources. We provide an efficient approach to address various aspects of air quality concerns. Air quality services include: regulatory compliance; air discharge permits; Title V permitting; compliance audits; dispersion modeling; emission inventory tracking; BACT, RACT and MACT study; pollution control equipment; design and installation; testing; operation and maintenance; risk assessments; alternative fuel assessments; and ambient monitoring.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General	Source		CEMS/	Analytical	Industrial
Consult.	Sampling		COMS	Labs	Hygiene
X	1 3	3			X

Advanced Environmental Management Group, LLC (AEM Group)

44339 Plymouth Oaks Blvd. Plymouth, Michigan 48170

Telephone: (734) 354-9070

FAX: (734) 354-9087

www.environmental-help.com

Our mission at AEM Group is to provide cost-effective, easy-to-understand, hassle-free environmental consulting services to manufacturing and commercial facilities. The AEM Group of environmental professionals has decades of combined experience in environmental management. Our services include: air pollution control equipment evaluations and design; environmental permitting; emission reporting (MAERS); ambient air monitoring; stack testing; Compliance Assurance Monitoring (CAM) program development; facility compliance assessments; and environmental system management and program development. Our staff has deep experience working for industry, regulatory agencies, and academia. We take pride in our ability to provide quality consulting services to our clients.

TYPES OF AIR QUALITY SERVICES AVAILABLE

		Ambient			
General	Source	Air	CEMS/	Analytical	Industrial
Consult.	Sampling	Monitoring	COMS	Labs	Hygiene
X	×	X	Х		X

BRANCH OFFICES IN MICHIGAN

Advanced Environmental Management Group, LLC (AEM Group)	(810) 966-9850
309 Huron Avenue Suite A	
Port Huron	

All4, Inc. 2425 Ludington St. Box #190 Escanaba, Michigan 49829 Telephone: (906) 789-1539 FAX: (616) 743-5925 www.all4inc.com

ALL4 Inc. is an environmental consulting company specializing in air quality consulting services, primarily assisting our clients with complex air permitting, modeling, continuous monitoring, and regulatory compliance. ALL4 operates under the premise that the success of our company is measured by the success of our clients. We pride ourselves on fully understanding our clients' operations, culture and business goals to the extent that we can tailor our consulting services to help turn environmental management into a company asset. Our company operates with the clear understanding that knowledge is power, that there is no substitute for experience, and that the proper application of our expertise to our clients' projects can provide them a competitive advantage within their respective industries and marketplaces.

TYPES OF AIR QUALITY SERVICES AVAILABLE

		Ambient			
General	Source	Air	CEMS/	Analytical	Industrial
Consult.	Sampling	Monitoring	COMS	Labs	Hygiene
X			Х		

Applied Science & Technology, Inc. 10448 Citation Dr. Suite 100

Brighton, Michigan 48116

Telephone: (800) 395-2784

FAX: (810) 225-3800

www.asti-env.com

Applied Science & Technology, Inc. (ASTI) offers complete monitoring, modeling, and permitting services to assist industry in complying with ambient and stationary source air emissions regulations. These services include emission inventories, risk assessments, emissions monitoring, and permit preparation. In addition, we provide evaluation reviews including preparation of annual reports, evaluation of NSPS, BACT, PSD analysis, NESHAP compliance programs, and area and point source modeling.

TYPES OF AIR QUALITY SERVICES AVAILABLE

		Ambient			
General	Source	Air	CEMS/	Analytical	Industrial
Consult.	Sampling	Monitoring	COM5	Labs	Hygiene
X					

BRANCH OFFICES IN MICHIGAN

Applied Science & Technology, Inc. (ASTI Environmental) 660 Cascade West Parkway Suite 210 Grand Rapids (616) 957-5601

August Mack Environmental 11902B Farmington Road Livonia, Michigan 48150 Telephone: (734) 464-1716 FAX: (734) 4648874

August Mack specializes in the assessment, engineering, and installation of systems that minimize waste and pollution; increase productivity and profitability; and, provide permanent, long-term solutions to environmental compliance issues. Our team of engineers has a thorough understanding of all sectors of the manufacturing process, from raw material usage to product finishing and distribution. This allows August Mack to provide a full range of process engineering services including: air permitting, industrial ventilation, and air pollution control design. In our ongoing effort to reduce the cost and increase the assurance of regulatory compliance for our clients, August Mack offers a unique program to guarantee environmental, health, and safety regulatory compliance. The program, eCAPSM (Compliance Assurance Program), is designed to allow the client to focus on the bottom line.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General	Source		CEMS/	Analytical	Industrial
Consult.	Sampling		COMS	Labs	Hygiene
X	X	X	Х		X

Barr Engineering 450 S. Wagner Rd. Ann Arbor, Michigan 48103 Telephone: (734) 327-1200

FAX: None www.barr.com

Client service is Barr Engineering's top priority. Barr provides expert assistance with: PSD, NSR, NESHAP, and NSPS Permits; Title V Permits; dispersion modeling; MACT and BACT reviews; emission control technology review and system design; record-keeping and reporting assistance; air toxics reviews; emission Inventories; regulatory analysis; compliance audits; stack testing; development of emission factors; and continuous emission monitoring systems.

TYPES OF AIR QUALITY SERVICES AVAILABLE

		Ambient			
General	Source	Air	CEMS/	Analytical	Industrial
Consult.	Sampling	Monitoring	COMS	Labs	Hygiene
X	X	X	X		

Black & Veatch 3550 Green Court Ann Arbor, Michigan 48105 Telephone: (734) 665-1000 FAX: (734) 622-8700

www.bv.com

Black & Veatch is one of the largest and most diversified engineering design firms in the U.S. With the experience of more than 90 years of service, Black & Veatch's Energy Services Division performs all aspects of Clean Air Act services, including analysis of the amendments and related legislation; detailed technology screening on a unit-specific basis; development of overall power system compliance strategies; and related studies including fuel supply studies, power plant siting studies, and power resource generation expansion planning studies.

TYPES OF AIR QUALITY SERVICES AVAILABLE

		Ambient			
General	Source	Air	CEMS/	Analytical	Industrial
Consult.	Sampling	Monitoring	COMS	Labs	Hygiene
X			Х		

BRANCH OFFICES IN MICHIGAN

Black & Veatch 211 West Fort Street Suite 2200 Detroit (313) 962-0300

Burke Engineering Company 601 Abbott Rd., Suite 102 East Lansing, Michigan 48823 Telephone: (517) 333-8536 FAX: (517) 333-8536

Our 30 years of staff experience can help your business understand the impacts of complex regulatory requirements, determine which regulations apply to your facility, and avoid unnecessary costs and delays by maintaining compliance with these requirements. We also can integrate your permit and regulatory requirements with your environmental management system. We have prepared installation and operating permit applications for a variety of industries for both major and minor emission sources. We have evaluated the technical and economic aspects of control technology, conducted dispersion modeling for pollutant concentrations and air toxics, and negotiated with regulators to achieve practical permit conditions for our clients. Our flexible approach to providing services allows us to supplement and complement your internal capabilities or handle the entire project. We welcome your inquiries.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General Consult.	Source Sampling	Ambient Air Monitoring	CEMS/ COMS	Analytical Labs	Industrial Hygiene
Х					

CH2M HILL Telephone: (517) 347-3404

2127 University Park Dr. Suite 360 FAX: None Okemos, Michigan 48864 www.ch2m.com

CH2M HILL serves both large and small industrial clients by providing the kinds of solutions that solve the air quality challenges that exist today. As a global leader in full-service engineering, consulting, construction, and operations, CH2M HILL will help you achieve success with broad and in-depth knowledge of your business and production processes. Our staff offers expertise in: air quality and human health impact assessments, air quality permitting, indoor air quality, ambient air quality, meteorological monitoring, design and oversight of source monitoring programs, regulatory compliance, compliance audits, emission inventory development, greenhouse gas management, noise evaluations, and impact assessments.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General Consult.	Source Sampling	Ambient Air Monitoring	CEMS/ COMS	Analytical Labs	Industrial Hygiene
Х					

BRANCH OFFICES IN MICHIGAN

CH2M HILL (248) 354-7034 27777 Franklin Road Suite 700

Southfield

CH2M HILL (989) 638-8120

1111 Washington Street

Midland

Cirrus Environmental Services 1444 Michigan Street, N.E. Grand Rapids, Michigan 49503 Telephone: (616) 451-2800 FAX: (616) 451-8386

We offer visible emissions (VE) testing, air permitting, ROP, MAERS, audits, NESHAP compliance, and many other services. We have extensive experience in air quality as well as general environmental services. We can partner with you for one specific job, act as your company's environmental manager, or anything in between. We are a small, woman-owned firm providing high-quality, timely services at a reasonable rate.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General	Source	CEMS/	Analytical	Industrial
Consult.	Sampling	COMS	Labs	Hygiene
X				73

Conestoga-Rovers & Associates (CRA) 14996 Sheldon Rd. Suite 200 Plymouth, Michigan 48170 Telephone: (734) 453-5123

FAX: None

Conestoga-Rovers & Associates (CRA) is a family of companies providing comprehensive engineering and environmental consulting services. Through our success at providing high quality and responsive services to our clients, CRA has grown to over 50 offices and more than 1,600 people working on projects around the world. CRA offers innovative, cost-effective solutions to all of your projects. CRA's staff of air quality and air emissions specialists provide consulting services and have extensive expertise in the following areas: source emissions modeling, source testing/monitoring, facility air emissions inventories, dispersion modeling/compliance evaluation, permitting of air emissions sources, the Clean Air Act, engineering emission control systems, ambient air monitoring programs, interior air quality assessments/sick building syndrome, and exposure risk assessments.

TYPES OF AIR QUALITY SERVICES AVAILABLE

		Ambient			
General	Source	Air	CEMS/	Analytical	Industrial
Consult.	Sampling	Monitoring	COMS	Labs	Hygiene
X	Х	X			X

BRANCH OFFICES IN MICHIGAN

Conestoga-Rovers & Associates 620 S. Capitol Avenue Suite 100 Lansing (517) 316-2397

Conformance Management Associates, LLC

12460 Woodgate Dr.

Plymouth, Michigan 48170

Telephone: (866) 243-6001

FAX: (734) 455-7037

www.conformgmt.com

Conformance Management Associates, LLC performs environmental and health and safety consulting services. Conformance Management Associates, LLC provides services to a wide variety of industries. Conformance Management Associates, LLC provides timely response to your needs and is cost competitive.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General Consult.	Source Sampling	Ambient Air Monitoring	CEMS/ COMS	Analytical Labs	Industrial Hygiene
X	Sumpling	Monitoring	COMS	Lubs	riygiene

Dragun Corporation

30445 Northwestern Hwy. Suite 260 Farmington Hills, Michigan 48334

Telephone: (248) 932-0228

FAX: (248) 932-0618

www.dragun.com

The Dragun Corporation's air quality services focus on permitting issues in compliance with state and federal regulations. Dragun's staff includes senior level scientists and engineers with a broad range of experience and expertise with work experience in nearly every state as well as international projects. Our colleagues are experienced in working directly with plant personnel, legal counsel, and regulators. Our goal is to assist our clients in obtaining environmental permits/plans quickly and to ensure they meet regulatory requirements without becoming overly burdensome.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General Consult.	Source Sampling	Ambient Air Monitoring	CEMS/ COMS	Analytical Labs	Industrial Hygiene
X					

E3 Innovations, Inc. (E3I) 919 W. Norton Avenue Muskegon, Michigan 49441 Telephone: (231) 830-0908 FAX: (231) 830-0907

www.e3i2.com

E3I is a professional engineering firm offering services based on over 20 years of regulatory/industrial/consulting experience. Our team specializes in permit development and compliance; reporting; emission minimization; and equipment design and installation, all-the-while keeping sight of quality and cost.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General Consult.	Source Sampling		CEMS/ COMS	Analytical Labs	Industrial Hygiene
X	X	X			X

Earth Tech 36133 Schoolcraft Rd. Livonia, Michigan 48150 Telephone: (734) 779-2800 FAX: (734) 779-2860

The majority of our professionals working on air quality-related projects have over ten years of experience. Our staff has a balanced blend of experience in working with industry, state, and federal air quality agencies. Our experience includes: air dispersion modeling, air engineering, Michigan Air Emission Reporting System (MAERS), permitting and emission testing. There are approximately 30 air quality professionals in Michigan to cover the full spectrum of air quality projects.

TYPES OF AIR QUALITY SERVICES AVAILABLE

		Ambient			
General	Source	Air	CEMS/	Analytical	Industrial
Consult.	Sampling	Monitoring	COMS	Labs	Hygiene
X	Х	X	Х		X

BRANCH OFFICES IN MICHIGAN

Earth Tech 5555 Glenwood Hills Parkway, S.E. Grand Rapids

Environmental Consulting & Technology, Inc. (ECT, Inc.)

2250 Genoa Business Park Drive, Suite 130

Brighton, Michigan 48114

Telephone: (810) 494-5051

FAX: (810) 494-5059

www.ectinc.com

ECT is a full-service environmental consulting firm serving clients across the country and abroad. Headquartered in Florida, we have seven offices in Michigan to serve the needs of companies throughout the Midwest. Our client list includes companies from both the private and public sector and covers all aspects of industry today, from small local metal finishers to large national utilities. We focus on building long-term relationships with our clients, giving ECT a working knowledge of the particular compliance issues that each business is facing. This gives ECT the expertise your business needs to maintain a competitive edge.

TYPES OF AIR QUALITY SERVICES AVAILABLE

		Ambient			
General	Source	Air	CEMS/	Analytical	Industrial
Consult.	Sampling	Monitoring	COMS	Labs	Hygiene
Х					X

BRANCH OFFICES IN MICHIGAN

Environmental Consulting & Technology, Inc. (ECT, Inc.) (734) 769-3004 501 Avis Drive Suite 5C Ann Arbor

Environmental Partners, Inc. 305 Hoover Boulevard Suite 200 Holland, Michigan 49423 Telephone: (616) 928-9130 FAX: (616) 928-9126 www.enviro-partners.com

Environmental Partners, Inc. provides complete air permitting, testing, and compliance support services. Experienced environmental professionals offer a wide range of services to clients in the furniture, automotive, foundry, pharmaceutical, cement, and general manufacturing industries. For over 20 years, the principals of our firm have provided cost-effective solutions to complex air and multi-media environmental issues.

TYPES OF AIR QUALITY SERVICES AVAILABLE

		Ambient			
General	Source	Air	CEMS/	Analytical	Industrial
Consult.	Sampling	Monitoring	COMS	Labs	Hygiene
Х	Х	X	Х		X

Environmental Resources Management, Inc. (ERM)

3352 128th Avenue

Holland, Michigan 49424

Telephone: (616) 399-3500

FAX: (616) 399-3777

www.erm.com

With nearly 200 experienced air professionals worldwide, Environmental Resources Management, Inc. (ERM) combines in-depth knowledge of state and local rules with national and international air quality expertise. ERM can assist you in planning your air quality processes and equipment to create an air quality management program that is technologically appropriate for the foreseeable future and compatible with your current requirements and budget. ERM can also assist you in bringing your operations into compliance with changing regulations in the quickest, most cost-effective way possible. ERM has extensive experience in all phases of air quality management, from conducting emissions inventories and developing monitoring programs, to preparing permit applications and designing pollution control systems. State-of-the-art monitoring equipment and the use of strategic modeling and risk assessment techniques enable ERM to evaluate problems accurately and engineer workable solutions.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General Consult.	Source Sampling	Ambient Air Monitoring	CEMS/ COMS	Analytical Labs	Industrial Hygiene
Х	1 3	Х			X

Environmental Testing Consulting (ETC)

38900 Huron River Drive Romulus, Michigan 48174 Telephone: (734) 955-6600

FAX: (734) 955-6604

www.2etc.com

Established in 1989, ETC is a multi-disciplinary environmental consulting firm with offices located in southeastern, southwestern, and northwestern Michigan. The firm offers a wide range of professional and technical services throughout Michigan, including assisting clients in complying with environmental regulations and policies and implementing cost-effective solutions to environmental problems. Clients retain us on a continual basis because of our diverse capabilities, timely and professional work, and familiarity with complex environmental issues. Our unique blend of technical knowledge and regulatory expertise allows us to provide solutions that clearly focus on limiting environmental liabilities and minimizing financial impact.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General Consult.	Source Sampling		CEMS/ COMS	Analytical Labs	Industrial Hygiene
Consum.	Sumpring	Monitoring	COMS	Labs	riygiene
X		×			×

BRANCH OFFICES IN MICHIGAN

Environmental Testing Consulting 2530 Three Mile Road North Traverse City (231) 935-1772

Environmental Testing Consulting 913 Tamarack, #2 Grand Rapids (800) 219-8354

EnviroSolutions, Inc. 38115 Abruzzi Drive Westland, Michigan 48185 Telephone: (734) 641-2700 FAX: (734) 641-2775

www.envirosolutionsinc.net

EnviroSolutions provides the full range of environmental consulting services. Our personnel are widely experienced in air quality regulatory compliance and environmental engineering design and construction. These services include providing compliance audits; complex air permitting solutions for the NSR and ROP programs; BACT, T-BACT and MACT determinations; emission inventory and control strategy development; and air dispersion modeling. Our staff are experienced with indoor and ambient air quality evaluations, exposure monitoring, worker and management training programs, as well as industrial hygiene exposure management programs. EnviroSolutions prides itself on working with clients to cost effectively achieve sound environmental objectives without losing sight of the clients' primary business focus.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General Consult.	Source Sampling		CEMS/ COMS	Analytical Labs	Industrial Hygiene
Consum.	Sumpring	Monitoring	COMS	Labs	riygiene
X		×			×

BRANCH OFFICES IN MICHIGAN

EnviroSolutions, Inc. 123 West Front Street, Suite 205 Traverse City (231) 933-4000

GRT, Inc. 1102 Cass Street Traverse City, Michigan 49684

client satisfaction.

Telephone: (231) 941-8622 FAX: (231) 941-4131 www.grtusa.com

GRT is an environmental and civil engineering firm offering air permitting, air emissions (MAERS) reporting, and a complement of environmental investigation and compliance services. GRT's experienced scientists and engineers are committed to finding technically and economically sound solutions and to

TYPES OF AIR QUALITY SERVICES AVAILABLE

General	Source		CEMS/	Analytical	Industrial
Consult.	Sampling		COMS	Labs	Hygiene
X	- Camping	X		Bubo	, g. e e

Gosling Czubak Engineering Sciences, Inc. 1280 Business Park Drive

Traverse City, Michigan 49686

Telephone: (800) 968-1062 FAX: (231) 941-4603

www.goslingczubak.com

Gosling Czubak Engineering Sciences, Inc., offers Clean Air Act compliance strategies and services including: air permitting, emission inventories, emission monitoring and reporting, air dispersion modeling, and engineering design of air pollution control equipment.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General	Source	Ambient Air	CEMS/	Analytical	
Consult.	Sampling	Monitoring	COMS	Labs	Hygiene
Х		×	Х		

Hands & Associates, Inc. 500 Griswold, Suite 1650 Detroit, Michigan 48226

Telephone: (313) 963-8870 FAX: (313) 963-8876 www.hands-assoc.com

Hands & Associates, Inc., is a leader in providing air quality and other environmental services. Our focus is in developing proactive management systems that are proven to improve environmental performance as enhancements to a company's overall endeavor. Air quality services include: permit application preparation, permit negotiations, MAERS reporting, Renewable Operating Permit compliance, dispersion modeling, BACT/LAER analysis, air toxics review, fugitive emission measurement, indoor air quality, and noise and odor studies. Hands & Associates, Inc., delivers services and solutions that maximize a company's flexibility and minimize cost while maintaining compliance with the law.

TYPES OF AIR QUALITY SERVICES AVAILABLE

		Ambient			
General	Source	Air	CEMS/	Analytical	Industrial
Consult.	Sampling	Monitoring	COMS	Labs	Hygiene
X					X

BRANCH OFFICES IN MICHIGAN

Hands & Associates, Inc.

(269) 385-5029

Kalamazoo

Horizon Environmental Corporation 4771 50th Street, SE Suite One Grand Rapids, Michigan 49512 Telephone: (616) 554-3210 FAX: (616) 554-3211 www.horizonenv.com

Horizon Environmental Corporation is a small, innovative consulting firm that prides itself on providing cost-effective solutions to environmental problems through the application of state-of-the-art scientific and engineering principles. We strive to deliver value in consulting services through emphasis of the fundamentals: listening to our client's objectives; developing sound technical approaches to achieve those objectives which, if necessary, push the regulatory envelope toward better science; implementing the scope of work on time and in budget; aggressively advocating for our clients before regulatory authorities; and maintaining a strong personal and professional commitment to our clients.

TYPES OF AIR QUALITY SERVICES AVAILABLE

		Ambient			
General	Source	Air	CEMS/	Analytical	Industrial
Consult.	Sampling	Monitoring	COMS	Labs	Hygiene
X		X			

BRANCH OFFICES IN MICHIGAN

Horizon Environmental Corporation Suite 1700 Fisher Bldg., 3011 W. Grand Blvd. Detroit

(313) 874-0124

Huron Consultants

901 Huron Avenue, Suite 8 Port Huron, Michigan 48060 Telephone: (810) 966-0680

FAX: (810) 966-0681

www.huronconsultants.com

Huron Consultants has the ability, experience, and personnel to perform: compliance assessments, air permitting applicability, regulatory reporting, emission inventories (MAERS), potential-to-emit determinations, asbestos building inspections, lead-based paint assessments, mold assessments, indoor air quality, personal air monitoring; noise assessments, and various other projects.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General Consult.	Source Sampling		CEMS/ COMS	Analytical Labs	Industrial Hygiene
X	X	X			X

BRANCH OFFICES IN MICHIGAN

Huron Consultants 25315 Dequindre Madison Heights (248) 546-7250

Landmark Technologies, Inc. 115-A W. Main Street Benton Harbor, Michigan 49022

FAX: (269) 927-3684 www.landmarktech.com

Telephone: (269) 927-3366

Landmark Technologies, Inc. (LANDMARK) is a full-service environmental and engineering organization that provides a wide spectrum of consulting services tailored to the site-specific needs and budgets of industrial, commercial, and governmental clients throughout the Midwestern United States. LANDMARK employs a multi-disciplined group of professionals with extensive experience in the development of practical and economical solutions for complex environmental and engineering problems. LANDMARK conducts air inventory audits, air emissions calculations, electronic air emissions reporting, as well as air sampling and monitoring, to assist in the compliance of individual facilities with applicable state/federal permitting and reporting requirements.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General Consult.	Source Sampling		CEMS/ COMS	Analytical Labs	Industrial Hygiene
X	Camping	X	001110	Eass	X

BRANCH OFFICES IN MICHIGAN

Landmark Technologies, Inc. 11373 U.S. 27 DeWitt (517) 669-7701

MACTEC Engineering and Consulting, Inc. 46850 Magellan Drive Suite 190 Novi, Michigan 48377

Telephone: (248) 926-4008 FAX: (248) 926-4009

www.mactec.com

MACTEC Engineering and Consulting, Inc. is part of the MACTEC family of companies. We have over 100 offices and more than 4,000 employees located throughout the United States. MACTEC is dedicated to helping our clients develop innovative, cost-effective solutions for all phases of air quality projects from identifying project requirements and goals, through project execution and completion. Today, the complexities of air quality management require the services of technical professionals like MACTEC's, who understand changing regulations; industrial processes; corporate cultures; public and regulatory concerns; atmospheric dispersion, diagnostic, and deposition models; quality assurance/quality control; state-of-the-art pollution control technology; waste incineration system development and permitting; leading edge approaches to health effects and risks of hazardous air pollutants; and sampling and measurement techniques and systems.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General Consult.	Source Sampling	Ambient Air Monitoring	CEMS/ COMS	Analytical Labs	Industrial Hygiene
Х	X	Х	X		X

BRANCH OFFICES IN MICHIGAN

MACTEC Engineering and Consulting, Inc. 41 Hughes Drive Traverse City (231) 922-9050

The Mannik & Smith Group (MSG), Inc. 2365 Haggerty Road

Canton, Michigan 48188

Telephone: (734) 397-3100

FAX: (734) 397-3131

www.manniksmithgroup.com

The Mannik & Smith Group, Inc. (MSG) offers a full range of environmental consulting, surveying, and civil engineering services for industrial, commercial, and municipal clients. Air quality services performed include ambient air monitoring and industrial hygiene sampling. Ambient air monitoring services include sampling for particulates, VOCs, PCBs, and metals during investigation projects to verify compliance with regulatory requirements. Industrial hygiene services offered by MSG include sampling for mold and surveying and sampling for asbestos by a Michigan certified asbestos inspector.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General	Source	Ambient Air	CEMS/	Analytical	Industrial
Consult.			COMS	Labs	Hygiene
X	, ,	Х			X

BRANCH OFFICES IN MICHIGAN

The Mannik & Smith Group, Inc.

1771 N. Dixie Highway

Monroe

The Mannik & Smith Group, Inc. (517) 316-9232

721 North Capitol, Suite 2

Lansing

The Mannik & Smith Group, Inc. (313) 224-1310

65 Cadillac Square, Suite 2200

Detroit

(734) 289-2200

MEC Environmental Consulting 1003 Amelia Avenue Royal Oak, Michigan 48073

Telephone: (248) 585-3800

FAX: None

MEC Environmental Consulting is a small business founded in 1988. The company helps small business owners comply with today's many complex environmental regulations. In plain English, MEC Environmental Consulting can help you identify and meet your responsibilities under the Clean Air Act. We specialize in compliance audits (Do I have anything to do?), planning (When do I have to do it?), permit application preparation (What do I have to do?), permit negotiation (What do I do if I can't do it?), consultant/contractor management (How can I get it done by then?), and temporary staffing (How can I control this thing by myself?).

TYPES OF AIR QUALITY SERVICES AVAILABLE

		Ambient			
General	Source	Air	CEMS/	Analytical	Industrial
Consult.	Sampling	Monitoring	COMS	Labs	Hygiene
Х					

Network Environmental, Inc. 2629 Remico, Suite B Grand Rapids, Michigan 49509 Telephone: (616) 530-6330 FAX: (616) 530-0001

Network Environmental, Inc. is a certified, minority-owned and operated environmental consulting firm that specializes in air quality issues. We offer the following services: emissions testing for air pollutants; emissions inventory studies; compliance audits; permit preparation; VOC studies (transfer efficiency, capture efficiency, and destruction efficiency) for coating lines; and general consulting services (regulatory experience).

TYPES OF AIR QUALITY SERVICES AVAILABLE

		Ambient			
General	Source	Air	CEMS/	Analytical	Industrial
Consult.	Sampling	Monitoring	COMS	Labs	Hygiene
	×	X	X		

O'Brien & Gere Engineers, Inc. 33469 W. 14 Mile Road, Suite 150 Farmington Hills, Michigan 48331 Telephone: (248) 661-3745 FAX: (248) 661-4057

www.obg.com

O'Brien & Gere Engineers, Inc., provides comprehensive air quality services including ambient air monitoring (e.g., fugitive emissions monitoring, air toxics evaluations, indoor air monitoring); stack testing; air dispersion modeling; air emission inventories; and air permitting (e.g., Title V, PSD, NSR). O'Brien & Gere also performs process evaluations and designs, and constructs and installs air pollution control equipment to support RACT, BACT, LAER and MACT programs.

TYPES OF AIR QUALITY SERVICES AVAILABLE

		Ambient			
General	Source	Air	CEMS/	Analytical	Industrial
Consult.	Sampling	Monitoring	COMS	Labs	Hygiene
Х	Х	X	Х		X

Prein & Newhof, P.C. 3355 Evergreen Drive N.E. Grand Rapids, Michigan 49525 Telephone: (616) 364-8491 FAX: (616) 364-6955

Prein & Newhof provides a wide variety of environmental consulting and engineering services. Prein & Newhof can assist businesses with compliance audits, air use permit applications, and emission inventories.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General Consult.	Source Sampling	Ambient Air Monitoring	CEMS/ COMS	Analytical Labs	Industrial Hygiene
X	1 3				73

Sidock Group, Inc. 888 Terrace Street, Suite 200 Muskegon, Michigan 49440 Telephone: (231) 722-4900 FAX: (231) 722-4955 www.sidockgroup.com

Sidock Group, Inc. is a full-service engineering design and environmental firm specializing in the design and construction of chemical manufacturing operations, and control of related emissions. Environmental services include permit assistance, compliance audits, emission inventory development, and detailed design and construction for air projects.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General Consult.	Source Sampling	Ambient Air Monitoring	CEMS/ COMS	Analytical Labs	Industrial Hygiene
X	1 3				73

BRANCH OFFICES IN MICHIGAN

Sidock Group, Inc. 43155 Main Street, Suite 2310 Novi (248) 349-4500

Testing Engineers & Consultants, Inc. (TEC) 1343 Rochester Road

Troy, Michigan 48083

Telephone: (248) 588-6200 FAX: (248) 585-9519

TEC, a woman-owned firm founded in 1966, has been providing industrial hygiene services for more than 25 years. Our highly skilled hygiene professionals service the indoor air quality needs of contractors, facility managers, building owners, attorneys, and insurance companies. In addition to addressing complex indoor air quality concerns, they are frequently called upon to present at technical seminars and to provide expert testimony. Services provided include asbestos management, mold assessment and water damage services, lead paint inspection, indoor air quality consulting, and occupational exposure monitoring.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General Consult.	Source Sampling	Ambient Air Monitoring	CEMS/ COMS	Analytical Labs	Industrial Hygiene
X	<u> </u>				X

BRANCH OFFICES IN MICHIGAN

Testing Engineers & Consultants, Inc. (TEC)

601 W. Fort Street, Suite 440

Detroit

Testing Engineers & Consultants, Inc. (TEC)

858 Phoenix Drive

Ann Arbor

(313) 837-8464

(734) 971-0030

Vision Environmental, Inc. (VEI) 8585 PGA Drive, Suite 101 Walled Lake, Michigan 48390 Telephone: (248) 926-1199 FAX: (248) 926-5586

www.visionenvironmental.com

Vision Environmental, Inc. (VEI) is an environmental engineering and consulting firm specializing in air quality management issues. Our expertise includes comprehensive permitting services such as acquisition of New Source Review (NSR) permits for major and minor sources, Title V Renewable Operating Permits, Maximum Achievable Control Technology (MACT) related permits/analyses, and permit system exemption analyses. VEI is also highly experienced with dispersion modeling impact analyses (federal NSR and state air toxics), Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) evaluations, and refrigerant (i.e., ODS) and greenhouse gas management. VEI routinely assists industrial companies, utilities, and professional association clients with state and federal rulemaking advocacy, permit negotiations, compliance auditing and management programs, and other air quality services.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General Consult.	Source Sampling	Ambient Air Monitoring	CEMS/ COMS	Analytical Labs	Industrial Hygiene
Х					

BRANCH OFFICES IN MICHIGAN

Vision Environmental, Inc. (VEI) 3434 Russell Street, Suite 108 Detroit (313) 832-7801

Weston Solutions of Michigan, Inc. (WESTON®) Telephone: (517) 381-5920 2501 Jolly Road, Suite 100 FAX: (517) 381-5921

Okemos, Michigan 48864 www.westonsolutions.com

Since the early 1970s, Weston Solutions, Inc. (WESTON®) has been providing air quality management services to its industrial, commercial, and institutional clients, ranging from small firms to Fortune 500 companies. WESTON's expertise and experience enable us to accurately identify and address our clients' air quality issues, providing environmental solutions that meet business objectives. WESTON's air quality engineers and scientists utilize their knowledge and understanding of the regulatory climate, multiple engineering and scientific disciplines, and current developments in air pollution control technologies to help assess and meet the air quality management needs of our clients.

TYPES OF AIR QUALITY SERVICES AVAILABLE

		Ambient			
General	Source	Air	CEMS/	Analytical	Industrial
Consult.	Sampling	Monitoring	COMS	Labs	Hygiene
X	Х	X	Х		X

BRANCH OFFICES IN MICHIGAN

Weston Solutions of Michigan, Inc. (WESTON) (313) 739-2500 7800 West Outer Drive Suite 200

Detroit

Weston Solutions of Michigan, Inc. (WESTON) (906) 482-3085

600 E. Lakeshore Drive Suite 200

Houghton

Wilcox Professional Services, LLC One Madison Avenue

Cadillac, Michigan 49601

Telephone: (231) 775-7755

FAX: (231) 775-3135

www.wilcox.us

Wilcox Professional Services, LLC, provides general consulting for air pollution control and industrial hygiene.

TYPES OF AIR QUALITY SERVICES AVAILABLE

General Consult.	Source Sampling	Ambient Air Monitoring	CEMS/ COMS	Analytical Labs	Industrial Hygiene
X	1 3				X

BRANCH OFFICES IN MICHIGAN

Wilcox Professional Services, LLC

8180 Broadmoor Avenue, SE

Caledonia

Wilcox Professional Services, LLC

3500 Ludington, Suite 310

Escanaba

Wilcox Professional Services, LLC

5859 Sherman Road

Saginaw

(616) 891-0800

(906) 789-7800

(989) 752-6500